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| <b>Search Notes</b><br><br> | <b>Application/Control No.</b><br><br>10758434 | <b>Applicant(s)/Patent Under Reexamination</b><br><br>DARUWALLA ET AL. |
|  | <b>Examiner</b><br><br>Samuel, DeWanda         | <b>Art Unit</b><br><br>2464  |

| SEARCHED |                             |            |          |
|----------|-----------------------------|------------|----------|
| Class    | Subclass                    | Date       | Examiner |
| 370      | 389                         | 06/23/2007 | DSamuel  |
| 370      | 235                         | 12/01/2007 | DSamuel  |
| 370      | 465                         | 12/01/2007 | DSamuel  |
| 370      | 235,395.5, 392, 395,397,409 | 02/11/2011 | Dsamuel  |

| SEARCH NOTES   |            |          |
|--|------------|----------|
| Search Notes   | Date       | Examiner |
| "cable modem termination system"   | 06/23/2007 | DSamuel  |
| "service identifier" with "cable modem"  | 06/23/2007 | DSamuel  |
| MPLS near3 VPN   | 06/23/2007 | DSamuel  |
| (ID) and "virtual private networks"  | 06/23/2007 | DSamuel  |
| "headend controller" or "headend digital communications controller"                        | 06/24/2007 | DSamuel  |
| "Cable Modem termination system" and VPN   | 06/23/2007 | DSamuel  |
| MPLS same headend  | 12/01/2007 | DSamuel  |
| MAC near3 VPN  | 12/01/2007 | DSamuel  |
| ( CMTS DOCSIS) and (headend "head end")  | 12/01/2007 | DSamuel  |
| S15 and (assign near( ID tag identifier label))  | 11/27/2007 | DSamuel  |
| ( ID near3 VPN near3 association ) and ( linking mapping)                                  | 05/07/2008 | DSamuel  |
| (VPN adj1 ( identifier ID))  | 05/07/2008 | DSamuel  |
| "Head End" near CMTS   | 05/07/2008 | DSamuel  |
| (DOCSIS CMTS) and VPN  | 12/07/2008 | DSamuel  |
| MPLS same VPN same MAC same SID  | 12/05/2008 | DSamuel  |
| "MAC address" near "cable modem"   | 12/05/2008 | DSamuel  |
| SID same ( VPN)  | 05/19/2009 | DSamuel  |
| ( node CM "cable modem" device apparatus) same (ID identifier) same associated same ( VPN) | 12/04/2009 | DSamuel  |
| SID same (VPN VC)  | 12/04/2009 | dSamuel  |
| VLAN adj1 MPLS   | 03/24/2010 | DSamuel  |
| S100 and ( tag ID idnetifier)  | 03/23/2010 | DSamuel  |
| VPN adj tag  | 03/23/2010 | DSamuel  |
| ( service adj ID) same CMTS  | 03/24/2010 | DSamuel  |
| (DHCP ) same (IP adj address) same (VPN VLAN)  | 9/1/2010   | DSamuel  |
| MPLS same (VPN VLAN) same DHCP   | 9/1/2010   | DSamuel  |
| (IP adj address) same VPN  | 02/11/2011 | DSamuel  |
| ( service adj flow) near ( MPLS VPN)   | 2/11/2011  | DSamuel  |

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| <b>SEARCH NOTES</b> |             |                 |
| <b>Search Notes</b> | <b>Date</b> | <b>Examiner</b> |
| inventorship search | 2/12/2011   | DSamuel         |

|                            |                 |             |                 |
|----------------------------|-----------------|-------------|-----------------|
| <b>INTERFERENCE SEARCH</b> |                 |             |                 |
| <b>Class</b>               | <b>Subclass</b> | <b>Date</b> | <b>Examiner</b> |
| Interference search        |                 | 02/12/2011  | Dsamuel         |

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